Title (en)
BASIC SERVICE SET LOAD MANAGEMENT

Title (de)
BSS-LASTVERWALTUNG

Title (fr)
GESTION DE LA CHARGE D'UN ENSEMBLE DE SERVICES DE BASE

Publication
EP 3143828 B1 20181226 (EN)

Application
EP 15806318 A 20150612

Priority
- US 201462011853 P 20140613
- SG 2015050158 W 20150612

Abstract (en)
[origin: WO2015191008A1] A method of managing BSS network loading is proposed. An access point (AP) transmits BSS session time and data limit element in beacon or probe response frame or a response frame to a service request frame. The AP determines the session time and data limit according to the network load and AP resourced. The AP adjusts the session time and data limit dynamically. An STA decides whether to join a specific BSS based on the BSS session time and the BSS session data limit. AP encourages or discourages the STA to join the BSS by increasing or reducing the session time and data limit. The per-AP loading will be distributed according to AP's capabilities.

IPC 8 full level
H04W 48/12 (2009.01); **H04W 74/00** (2009.01); H04W 84/12 (2009.01)

CPC (source: EP US)
H04L 65/611 (2022.05 - US); **H04W 72/52** (2023.01 - US); **H04W 74/006** (2013.01 - EP US); H04W 48/12 (2013.01 - EP US); H04W 84/12 (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2015191008 A1 20151217; EP 3143828 A1 20170322; EP 3143828 A4 20171220; EP 3143828 B1 20181226; US 2015365952 A1 20151217; US 9774645 B2 20170926

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SG 2015050158 W 20150612; EP 15806318 A 20150612; US 201514738079 A 20150612